



MOVIFIT[®] FC - Operation, Start-up & Troubleshooting

Training Description

The MOVIFIT[®] FC Frequency Inverter is a decentralized field mounted controller for an open loop system. The units are designed to be operated through a fieldbus network via a PLC.

The aim of this course is to acquire the necessary knowledge to start-up, commission, parameterize, program and troubleshoot the MOVIFIT[®] FC with confidence. The training will focus on the use of both the DBG keypad as well as the software package MOVITOOLS MotionStudio to complete the above tasks.

Target Group

- Electricians, Engineers & Maintenance Staff

Seminar Objectives

- Know the technical data for the MOVIFIT[®] FC
- Understand the wiring of MOVIFIT[®] FC
- Perform a start-up of the MOVIFIT[®] FC in both easy and expert mode
- Use the DBG60B keypad & MOVITOOLS MotionStudio to upload, download, perform motor start-ups and set parameters whilst in expert mode
- Understand the tasks required for troubleshooting faults for all key components of a drive system – inverter, motor, brakes, application
- Identifying the fieldbus unit profile used with MOVIFIT[®]

Contents

- Basic properties and technical data for MOVIFIT[®] FC
- Wiring and start-up for MOVIFIT[®] FC
- Commissioning of inverters with easy mode (DIP switches) & expert mode (MOVITOOLS MotionStudio)
- Data backup with keypad & PC
- Fault diagnostics
- Fieldbus Communications

Requirements

- Electrical engineering basics or qualification as an electrician

Methods

- Educational dialogs & practical exercises

Location

- SEW

Duration

- 1 day